



PTO/SB/21 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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#### Application Number 10/520,866-Conf.#4457 Filing Date **TRANSMITTAL** January 11, 2005 First Named Inventor **FORM** Guillaume De Cremoux Art Unit 2838 Examiner Name Harry Raymond Behm (to be used for all correspondence after initial filing) Attorney Docket Number Total Number of Pages in This Submission 31191-254139

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	EN	ICLOSURES (Check all that a	oply)
x Fee Trans	smittal Form	Drawing(s)	After Allowance Communication to TC
Fee	Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences
Amendme	nt/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
Afte	r Final	Petition to Convert to a Provisional Application	Proprietary Information
Affid	lavits/declaration(s)	X Power of Attorney	Status Letter
Preliminar	y Amendment	x Statement Under 37 CFR 3.73(b)	Other Enclosure(s) (please Identify below):
Express A	bandonment Request	Request for Refund	
Information	n Disclosure Statement	CD, Number of CD(s)	
Certified C Document	copy of Priority (s)	Landscape Table on CD	
	lissing Parts/ e Application	Remarks	
	y to Missing Parts under FR 1.52 or 1.53		
	SIGNATI	JRE OF APPLICANT, ATTORNEY, C	DR AGENT
Firm Name	VENABLE LLP		
Signature	Mihaeles	be	
Printed name	Michael A. Sartori, P	h.D.	
Date	February 4, 2	108 Reg. No.	41,289
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#928623

PTO/SB/17 (10-07)

Approved for use through 06/30/2010. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/	2004	Complete if Known						
Fees pursuant to the Consolidated Approp		). Application	Application Number 10/520,866-Conf.#4457					
FEE TRANS	MITTAL	Filing Date	Date January 11, 2005					
		First Name	First Named Inventor Guillaume De Cremoux					
For FY 20	JUO	Examiner N	ame	Harry Raymon	d Behm			
Applicant claims small entity stat	us. See 37 CFR 1.27	Art Unit		2838				
TOTAL AMOUNT OF PAYMENT	(\$) 0.00	Attomey Do	cket No.	31191-254139				
METHOD OF PAYMENT (check	all that apply)	<del></del>		· · · · · · · · · · · · · · · · · · ·				
Check Credit Card	Money Order	None O	ther (please iden	tify):				
X Deposit Account Deposit Account	Number: 22-0261	De	posit Account Nar	ne: Vei	nable LLI	<u>P</u>		
For the above-identified depo	sit account, the Directo	r is hereby auth	orized to: (che	eck all that apply)				
Charge fee(s) indicated	i below	Cı	harge fee(s) ii	ndicated below, ex	cept for 1	the filing fee		
Charge any additional fee(s) under 37 CFR 1.	fee(s) or underpayments .16 and 1.17	of x Cr	edit any over	payments				
FEE CALCULATION								
1. BASIC FILING, SEARCH, AND E	XAMINATION FEES							
		EARCH FEES	S EXAM	NATION FEES				
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Design 210	105 10		130	65				
Plant 210	105 31	0 155	160	80				
Reissue 310	155 51	0 255	620	310				
Provisional 210	105	0 0	0	0				
2. EXCESS CLAIM FEES						Small Entity		
Fee Description					Fee (\$)	Fee (\$)		
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Each independent claim over 3 (included) Multiple dependent claims	ading Reissues)				210	105		
	- 40 -				370	185		
Total Claims Extra Claims		e Paid (\$)	_	Multiple Depende		-		
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3. APPLICATION SIZE FEE								
If the specification and drawings ex- listings under 37 CFR 1.52(e)), 1	the application size fee	due is \$260 (\$1	30 for small of	iled sequence or or centity) for each ad	computer Iditional 5	0		
sheets or fraction thereof. See 3					_	<b>-</b>		
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4. OTHER FEE(S)	_ /50 -	(round <b>up</b> to a	whole number,	· ·		Paid (\$)		
Non-English Specification, \$130	) fee (no small entity di	scount)			<u> </u>	raiu (a)		
Other (e.g., late filing surcharge):	•	,						
SUBMITTED BY " / "								
Signature ///	6	Registration No	41,289	Telephone	(202) 24	14.4004		
I I Water a la	Dh D	-(Attorney/Agent)	71,209			3.4.004		
Name (Print/Type) Michael A. Sartori	, PII.U.			Date Peloru	1049 4	2002		



PTO/SB/80 (01-08)
Approved for use through 12/31/2008. OMB 0851-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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POW	R OF ATTORNEY 1	O PROSECU	TE APPLI	CATIC	NS BEI	FORE TH	E USPTO
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Address							
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DSP G Binzst	ne and Address: GROUP SWITZERLAN asse 38, CH-8045 , Switzerland	D AG			*		
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	The individual whose signs	SIGNATURE of ture emotitle is suppl			o act on behi	olf of the assig	nee
Signature	Kylin	1- la	le	Date	11/08		
Name	DROR LEVA		OBERTSO	Telepho	one		
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PTO/SB/96 (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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STATEMENT UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: DSP Group Switzerland AG
Application No./Patent No.: 10/520,866 Filed/Issue Date: January 11, 2005
Entitled: CAPACITIVE FEEDBACK CIRCUIT
DSP Group Switzerland AG , a Corporation  (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.
states that it is:
1. X the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
(The extent (by percentage) of its ownership interest is
in the patent application/patent identified above by virtue of either:
A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or a true copy of the original assignment is attached.  OR
B. X A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:
1. From: Guillaume De Cremoux To: Koninklijke Philips Electronics N.V.
The document was recorded in the United States Patent and Trademark Office at  Reel 016798 Frame 0434 or for which a copy thereof is attached.
From: Koninklijke Philips Electronics N.V.     To: NXP B.V.  The document was recorded in the United States Patent and Trademark Office at
Reel019719, Frame0843, or for which a copy thereof is attached.
3. From: NXP B.V. To: DSP Group Switzerland AG
The document was recorded in the United States Patent and Trademark Office at
Reel , Frame , or for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO.
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.
Michael 42008 - February 42008
Signature Date
Michael A. Sartori, Ph.D. 202-344-4000—
Printed or Typed Name Telephone Number
Registration No.: 41,289
Title



#### **DEED OF TRANSFER OF PATENTS**

## THE UNDERSIGNED:

 NXP B.V., a limited liability company incorporated in the Netherlands, with corporate seat in Eindhoven, the Netherlands, and address at High Tech Campus 60, Eindhoven, the Netherlands ("NXP");

and

2. **DSP GROUP SWITZERLAND AG**, a company incorporated under the laws of Switzerland, with corporate seat at Binzstasse. 38, CH-8045, Zürich, Switzerland ("**DSPG**").

hereinafter also collectively referred to as the "Parties",

## HAVE AGREED AS FOLLOWS:

#### 1. Definitions

When used in this Deed, the following capitalised terms shall have the meaning set forth below:

"Schedule" shall mean the schedule to this Deed.

"Affiliate" means any and all Persons in which NXP or DSPG, as the case may be, directly or indirectly, holds more than fifty percent (50%) of the nominal value of the share capital issued, or more than fifty percent (50%) of the voting power at general meetings, or has the power to appoint and to dismiss a majority of the directors or otherwise to direct the activities of such Person.

"Deed" shall mean this deed of transfer of the Patents listed in the Schedule.

"Patents" shall mean any patents, petty patents, utility models and applications (including provisional applications) for any of the foregoing, including any divisionals, continuations, continuations-in-part, re-examinations, renewals and re-issues, in any country of the world.

"Person" means an individual, a company or corporation, a partnership, a limited liability company, a trust or other entity, organization or unincorporated association, including any government or any agency, bureau, board, commission, court, department, official, political subdivision, tribunal or other instrumentality of any government, whether federal, state or local, domestic or foreign.

# 2. Transfer of ownership Patents; license to NXP

On certain terms and conditions as specified in an intellectual property transfer and license agreement concluded between NXP and DSPG Ltd., NXP has, on behalf of itself and its Affiliates, in short, assigned and transferred all right, title and interest in and to the Patents listed in the Schedule to DSPG, and DSPG has accepted such assignment and transfer and has granted a license on such Patents to NXP and its Affiliates on certain terms and conditions as specified in such agreement.

## 3. Variation to Deed

No variation, extension, cancellation or translation of any expressed terms of this Deed (including the Schedule) shall be binding upon NXP unless made in writing and signed by a duly authorised representative of NXP.

## 4. Additional assignment documents; further assurance

In the event that in addition to this Deed DSPG or any of its Affiliates has to submit other documents to patent authorities in order to effectuate the recordal of the assignment and transfer of the Patents listed in the Schedule, DSPG hereby warrants and guarantees that such other documents will not contain language that in any way prejudices the provisions of this Deed. NXP and DSPG shall, at each other's request, execute and do (or procure to be executed and done by any of their respective Affiliates) all such deeds, documents, acts and things as the requesting party may from time to time reasonably require in order to effectuate or to formalise the transfer of the Patents to DSPG on a jurisdiction by jurisdiction basis and to cause the Patents to be recorded at the relevant patent registers around the world in the name of DSPG or any other Affiliate designated by DSPG.

#### 5. Observance legal requirements

DSPG and its Affiliates undertakes to observe and act in accordance with all applicable legal conditions and terms required in order to effectuate the recordal of the assignment and transfer of the Patents listed in the Schedule.

## 6. Power of Attorney

NXP hereby grants full and irrevocable power of attorney to DSPG and its Affiliates, to submit this Deed and the Schedule thereto (and, where necessary, a translation thereof) to the patent authorities of the territories in which the Patents listed in the Schedule are registered or applied for, and to request those authorities to record in the appropriate registers the transfer of the legal title to the Patents listed in the Schedule from NXP or any of its Affiliates to DSPG or the relevant Affiliate indicated by DSPG.

## 7. Costs for recordal

The costs for the recordal of the assignment and transfer of the Patents in the relevant registers will be borne by DSPG.

# 8. Applicable law and jurisdiction

This Deed shall be governed by and construed in accordance with the laws of Switzerland (excluding the conflict of law provisions of the Swiss Federal Act on International Private Law and international treaties, in particular the Vienna Convention on the International Sale of Goods dated 11 April 1980). Any action or proceeding in respect of any claim arising out of or related to this Deed shall be solely conducted by NXP and DSPG in accordance with the procedure provided in clause 18 of the share and business sale agreement concluded between the Parties.

NXP B.V.	DSP GROUP, LTD.
(signature)	(signature)
Name:	Name:
Title:	Title:

IN EVIDENCE WHEREOF, the Parties have caused this Deed to be signed by their duly authorised

representatives on [ ] 2007.

IN EVIDENCE WHEREOF, the Parties have caused this Deed to be signed by their duty authorised representatives on [ ] 2007.

B

NXP B.V.

DSP GROUP, LTD. SWITZER) AND AG

(signature)

(signature)

Name: Theo Cloaseu
Tithe: Executive Vice Plesicout
Business Danborrout

Name: Title: nepresentatives on [ y ] 2007.

4 September

DSP GROUP SWITZERLAND AG

IN EVIDENCE WHEREOF, the Parties have caused this Deed to be signed by their duly authorised

(signature)

Name:

Title:

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Name: Title:

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1020009	wo		В	CAMPANALE	F.	Fabrizio Campanale	1B2003/001636	29-apr-03	2003/094036-A1	13-nov-03		<u> </u>	1
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1020020	EP	P	8	CAMPANALE	F.	Febrizio Campanale	02012577.9	06-jun-02		<u> </u>	ļ	ļ	06-jun-03
1020020	EP		8	CAMPANALE	F.	Fabrizio Cempanale	03730396.3	04-jun-03	1514178-A	16-mrt-05			04-jun-23
1020020	JP US	<u> </u>	B B	CAMPANALE	F.	Fabrizio Campanale Fabrizio Campanale	10/516843	04-jun-03 04-jun-03	2005-0258157-A1	01-dec-05	<del> </del>	<del>1</del>	04-jun-23 04-jun-23
	wo.		В	CAMPANALE	F	Fabrizio Campanale	IB2003/002093	04-jun-03	2003/104976-A3	18-dec-03	1	1	7.7.7.5
1020022	CN	1			M.	Matthias Locher	03815373 4	19-jun-03	1689234	25-old-05	j	İ	19-jun-23
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1020026	JP		В.	LOCHER	M.	Matthias Locher	2004-527129	04-aug-03					04-sug-23
	US		8	LOCHER	м.	Matthias Locher					I	I	1
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099184	DE		В		С.	Christopher Stobart	19961674.4	21-dec-99	19961674-A1	.28-jun-01	<b></b>	<u> </u>	21-dec-19
099184	EP .		B	STOBART	C.	Christopher Stobart	00204470.9	12-dec-00	1111835-A3	26-mei-04	ļ	: :	12-dec-20
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	DE		В		C.	Christopher Stobert	10126420.8	31-mei-01	10126420-A1	05-dec-02		e i earl ea	-31-mei-21
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010153 010153 010153	JP		в	STOBART	c.	Christopher Stobert	03-501095	29-mei-02					29-mei-22
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010153 010153 010153 010153 010153			В	STOBART	C	Christopher Stobert	IB2002/001940	29-mei-02	2002/096022-A1	05-dec-02		;	
010153 010153 010153 010153 010153	wo		B	RANDAZZO	C.S.	Christoph Randazzo	103101736.1	13-jun-03	2004-02527-0-5	18.4 **	·		13-jun-04
010153 010153 010153 010153 010153 010153 030210	EP.		8	RANDAZZO BRUNEL	C.S. D.	Christoph Randazzo Dominique Brunel	10/631049	28-jul-03 21-mrt-00	2004-0252749-A1	16-dec-04			28-jul-23 .21-mrt-20
010153 010153 010153 010153 010153 010153 030210	EP.		8	BRUNEL	D.	Dominique Brunel	09/979227	14-mrt-01	2002-0186713-A1	12-dec-02			:14-mrt-21
010153 010153 010153 010153 010153 010153 030210 030210	EP US FR			BRUNEL	0.	Dominique Brunel	0012167	25-sep-00	2814506	29-mrt-02			25-sep-20
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1030077	JP.	i			HAENER	erika a ara	Lukes Heener Lukes Heener	04737187,7	28-jun-04 28-jun-04	1849729	26-apr-06	ļ		28-jun-24 28-jun-24
030077	KR	. t.			HAENER	i.	Lukas Haener	2006-7000825	28-jun-04		T		· · · · · · · · · · · · · · · · · · ·	28-jun-24
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40113	EP	P	- 1		SCENINI	A.	Andrea Scenini	04300460.5	22-jul-04		Ť	1		22-jul-05
10113	EΡ			3	SCENINI	Α.	Andrea Scenini	05759918.5	12-jul-05	1776768-A	25-apr-07			12-jul-25
10113	JP KR	-			SCENINI	A	Andree Scenini	2007-522084	12-jul-05		ļ	ļ	ļ	12-jul-25
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40113	wo	1			SCENINI	A	Andrea Scenini	IB2005/052301	12-jul-05	W02006/011083	02-feb-08		İ	
50030	EP	P			DELBECO	0.	Dominique Delbecq	05300171.5	08-mrt-05		ļ	ļ		08-mrt-06
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6596	EP	P			DAANEN	A.M.J.	Anton Dalenen	97203364.1	30-okt-97			1		30-okt-98
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6596 6598	FR	•	, E		DAANEN	A.M.J.	Anton Deenen Anton Deanen	98945489.7	12-okt-98	0948837-A1	13-okt-99 13-okt-99	0948837	07-mei-03 07-mei-03	12-ekt-18
6596	JP	A			DAANEN	A.M.J.	Anton Deanen	99-525760	12-okt-98	01-507909	12-jun-01	1	07-11-03	12-okt-18
8596	KR	٠.	-6		DAANEN	AMJ.	Anton Dasnen	10-1999-7005893	12-okt-98			10-0561932	10-mrt-08	12-okt-18
6596 6596	us	j	, E		DAANEN	A.M.J.	Anton Daanen Anton Daanen	09/179286 IB1998/001597	27-okt-98 12-okt-98	1999/023752-A1	14-mei-99	6191659	20-feb-01	27-okt-18
7258	CN	•	Ė		MEY	E	Eric DE Mey	99803649.8	20-de c-99	1292962-A	25-epr-01	1157030	07-jul-04	20-dec-19
7258	DE	ļ	E		MEY	E	Eric DE Mey	99964559 9	20-dec-89			69927957,7	26-ok1-05	20-dec-19
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7258	US	1	E		MEY	E.	Enc DE Mey	09/473539	28-dec-99			6603820	05-eug-03	28-dec-19
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7624 7624	DE	P		*****	MELI	L.M.	Louis Meli Louis Meli	00956500.3 99202948.8	30-aug-00 10-sep-99	1129408-A1	05-sep-01	60012132.1	14-jul-04	30-sug-20 10-sep-00
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7624	US	} -			MELI	L.M.	Louis Meli	09/656833	07-sep-00	1		6728900	27-apr-04	07-mrt-22
7624	wo		В		MELI	L.M.	Louis Meli	EP2000/008447	30-aug-00	2001/020455-A1	22-mrt-01		1	1
7746	CN	Ĺ	įB		EMONS	M.J.L.	Martin Ernons	00805319 7	15-nov-00	1344403	10-apr-02	1188795	09-feb-05	15-nev-20
7748 7746	EP	4	8		EMONS	M.J.L.	Martin Errons Martin Errons	99203936.2 00974554.8	15-nev-00	1157370-A1	28-nov-01	<b></b>		24-nev-00 15-nev-20
7746	JP,			 	EMONS	M.J.L.	Martiin Ernons	01-540752	15-nov-00					15-nov-20
7748 7748	KR	i	,8		EMONS EMONS	M.J.L.	Martin Emons	09/717966	15-nov-00			-		15-nov-20
7746	.wo				EMONS	M.J.L.	Martijn Emons Martijn Emons	EP2000/011428	21-nov-00 15-nov-00	2001/039184-A1	31-mei-01	6963987	:08-nov-05	04-jun-22
00215	EP	P	В		EMONS	M.J.L.	Martin Emons	00201310.0	12-apr-00		er er er	1		12-epr-01
00215	EP		8	1.00	EMONS	M.J.L.	Mertijn Emons	01919421.5	03-apr-01	1275046-A	15-jan-03	*		03-apr-21
00215	JP KR	:	,8		EMONS EMONS	MJL.	Mertijn Emons Martijn Emons	10-2001-7015923	03-apr-01 03-apr-01	. •			:	03-apr-21
00215	·us		• В		EMONS	M J.L.	Martijn Ernons	09/829793	10-apr-01	2001-0032298-A1	18-okt-01	7076812	11-jul-06	10-epr-21
00215	wo	٠.,	. 18		EMONS	M.J.L.	Martijn Ernons	EP2001/003751	03-apr-01	2001/077836-A1	18-okt-01	1		
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20169	EP	<u>.</u>	В		CREMOUX	G.	Guillaume de Cremoux	03701680.5	10-feb-03	1497919-A	19-jan-05			10-feb-23
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0169	.US .WO	<del></del> -	8		CREMOUX	G.	Guillaume de Cremoux Guillaume de Cremoux	10/506277 IB2003/000478	10-feb-03 10-feb-03	2005-0083034-A1 2003/075461-A3	21-apr-05 12-sep-03	7116134	D3-ekt-06	10-feb-23
0624	CN	1	18		CREMOUX	G.	Guillaume de Cremoux	03816432.9	25-jun-03	1668989-A	14-sep-05	i		25-jun-23
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1077	, CN	,	8		CREMOUX	G.	Guillaume de Cremoux	182003/002724	25-jun-03	2004/008298-A2	22-jan-04			22
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1077	.wo	<u>.</u>	.  8		CREMOUX	G.	Guillaume de Cremoux	IB2003/004234	22-sep-03	2004/040761-A1	13-mei-04	l		
0398	CN	į	В		GAJADHARSING	R.	John Gajadharsing	200480010691.8	21-apr-04	1777993-A	24-mei-06			21-apr-24
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0398	JP	1	8		GAJADHARSING	R.	John Gajadharsing	06-506868	21-apr-04			į		21-apr-24
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1247	EP	`P	В			H.P.M.	Eric Derckx	03103887.0	21-okt-03		1			21-okt-04
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	IJP KR		8	*****	DERCKX	H.P.M. H.P.M.	Eric Derckx Eric Derckx	06-536245 10-2006-7007608	19-okt-04	<u> </u>				19-okt-24
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0400			. ;8		HAEUSLER	М.	Martin Haeusler	IB2005/051173	11-apr-05	2005/101756-A1	'27-ekt-05		-	

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